

10/075747

Y20

20FIGS

Fig. 1
**Oxygen Uptake Rate (OUR) as a Function of Temperature
on Simulated Cuttings in Bioreactor**

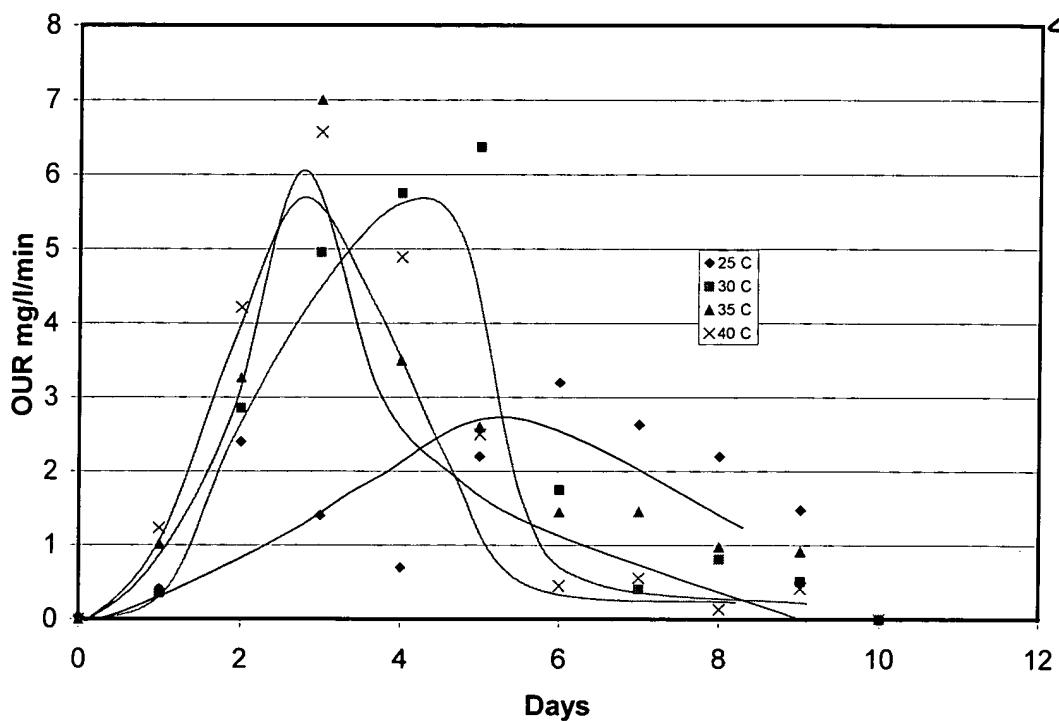


Fig. 2
**Oxygen Uptake Rate (OUR) and Residual Oil on Cuttings
on Simulated Cuttings in M-I Lab Bioreactor at 30°C**

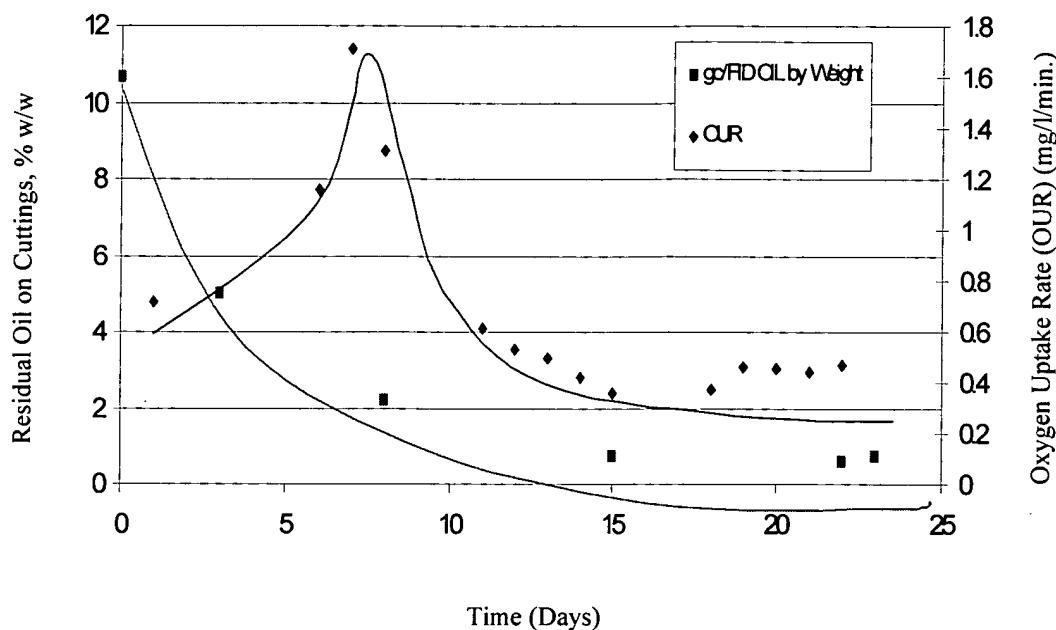


Fig. 3.

Composting trial showing chromatographic analysis of hydrocarbon content of cuttings over a period of 42 days (the seven groups of bars correspond to seven individual components)

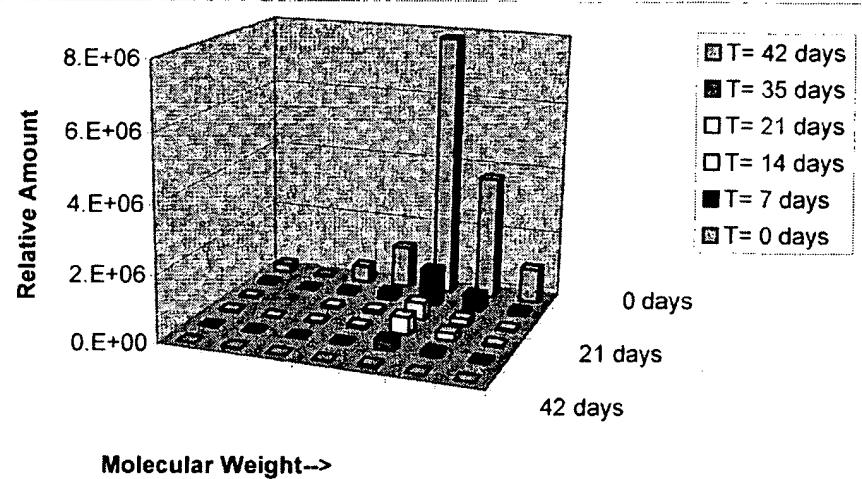


Fig.4
Total hydrocarbons by GC-FID (OIEWG carbon bands; mg/kg dry wt) – First Test

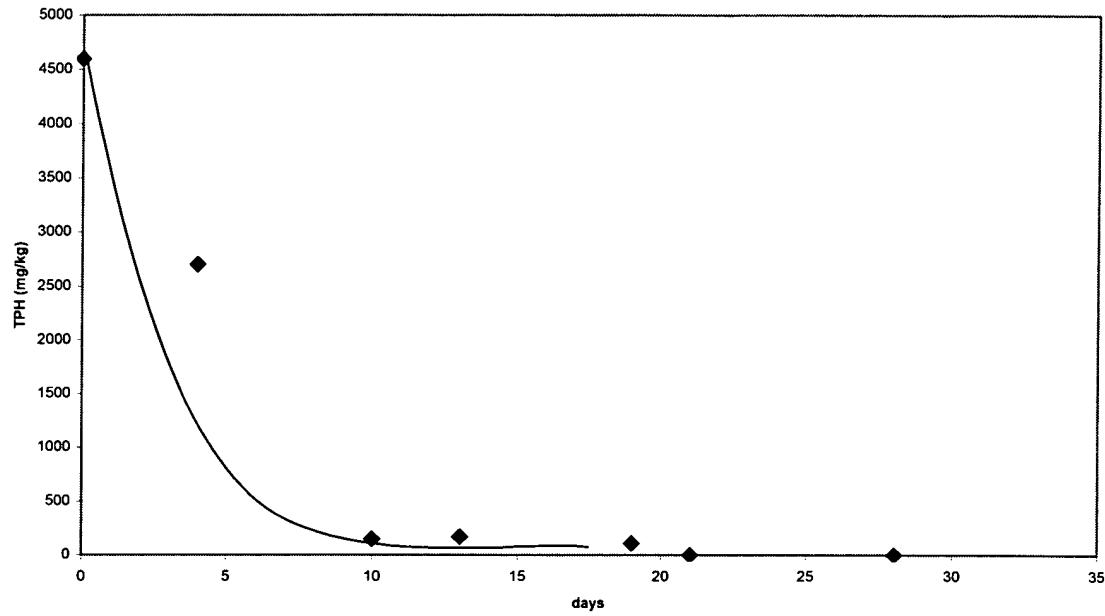


Fig.5

**Background hydrocarbonconcentrations by GC-FID (OIEWG carbon bands; mg/kg dry wt)
– Second Test**

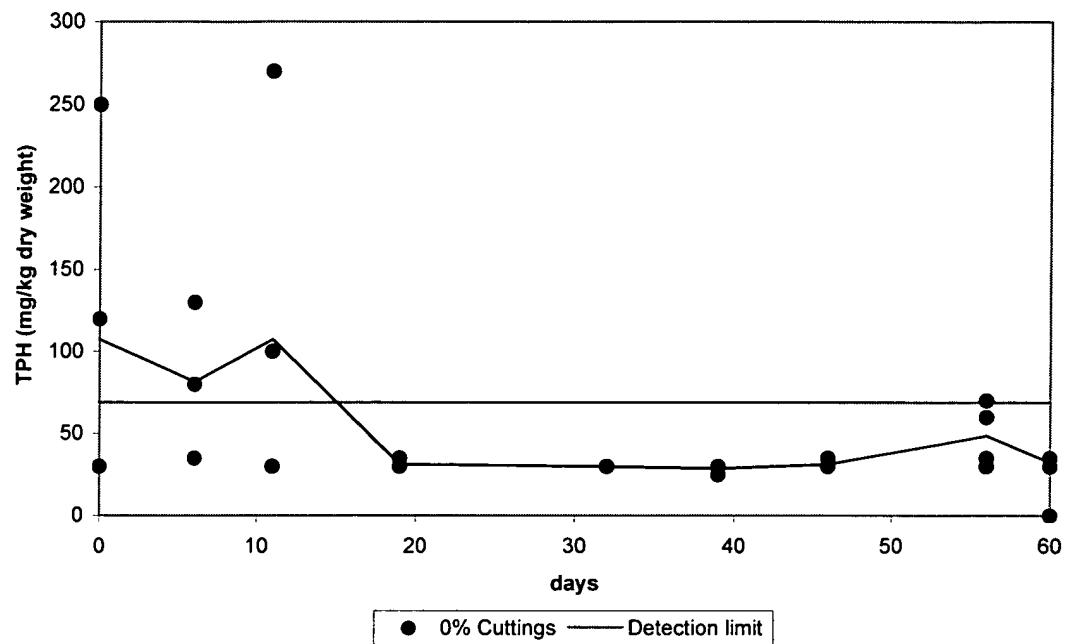


Fig.6

Hydrocarbon concentrations by GC-FID (OIEWG carbon bands; mg/kg dry wt) 30% w/w application rate – Second Test

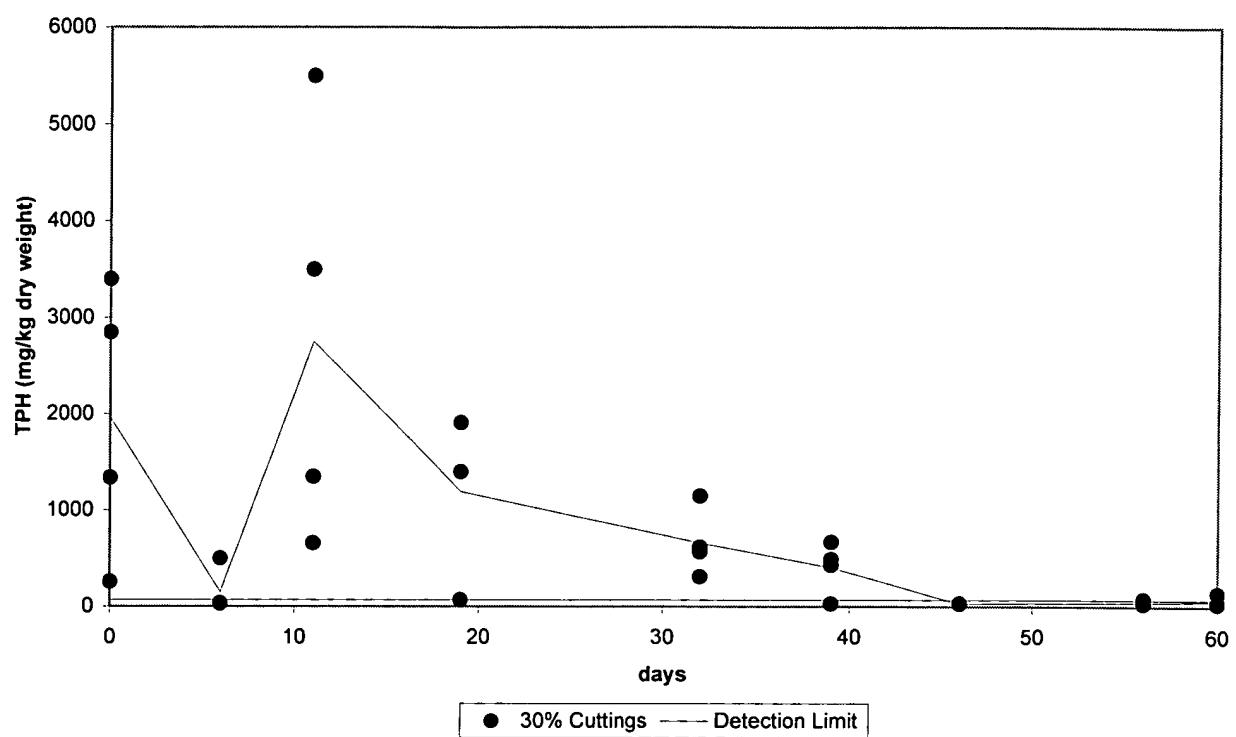


Fig.7

Hydrocarbon concentrations by GC-FID (OIEWG carbon bands; mg/kg dry wt) 50% w/w application rate – Second Test

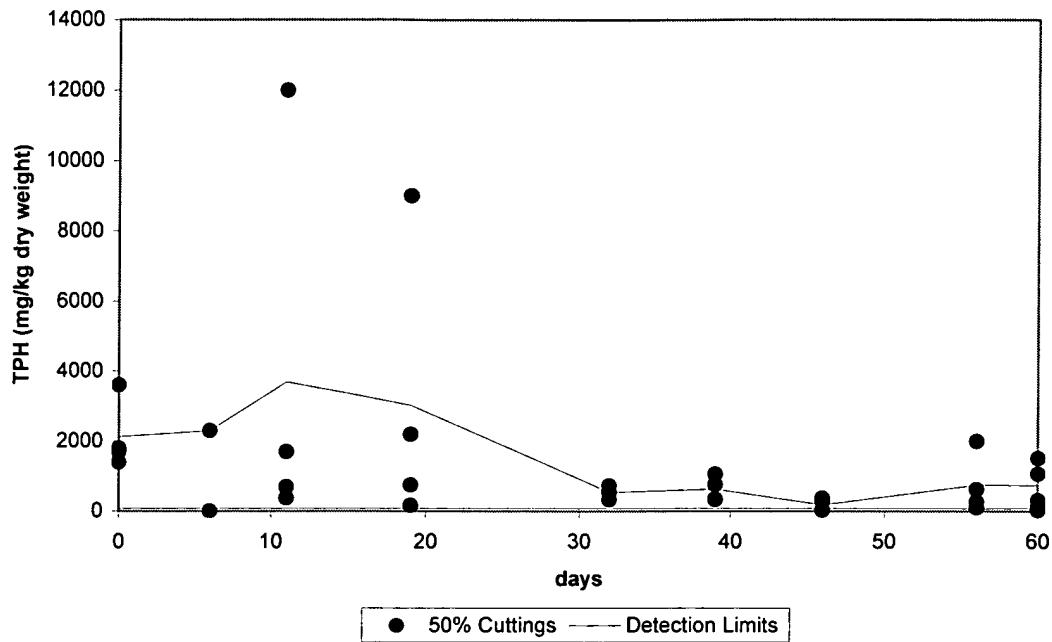


Fig.8

Hydrocarbon concentrations by GC-FID (OIEWG carbon bands; mg/kg dry wt) 70% w/w application rate – Second Test

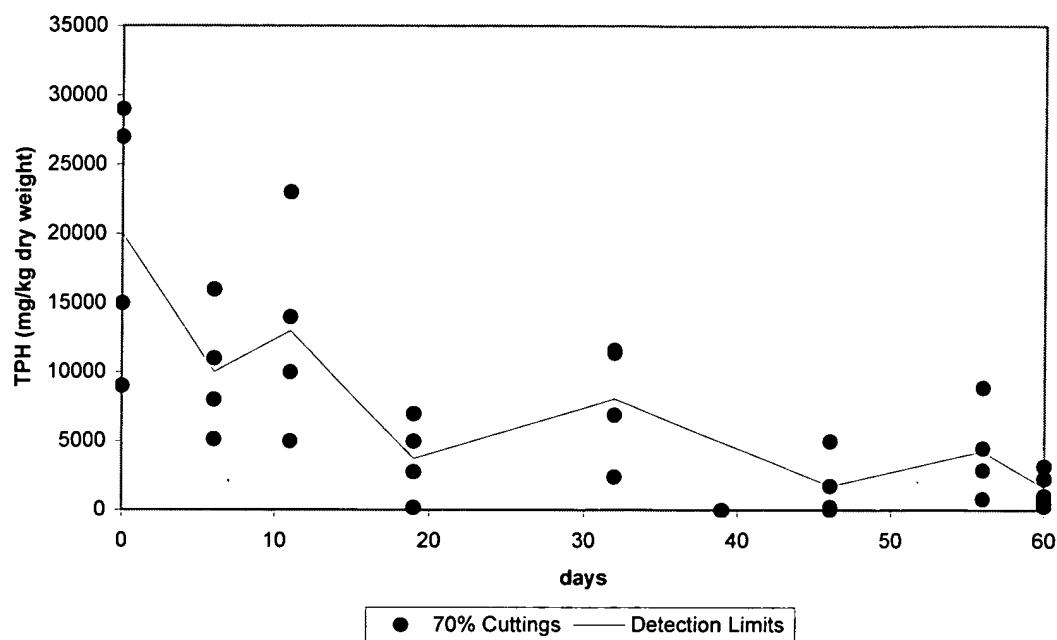


Fig.9

Hydrocarbon concentrations by GC-FID (OIEWG carbon bands; mg/kg dry wt) 100% w/w application rate – Second Test

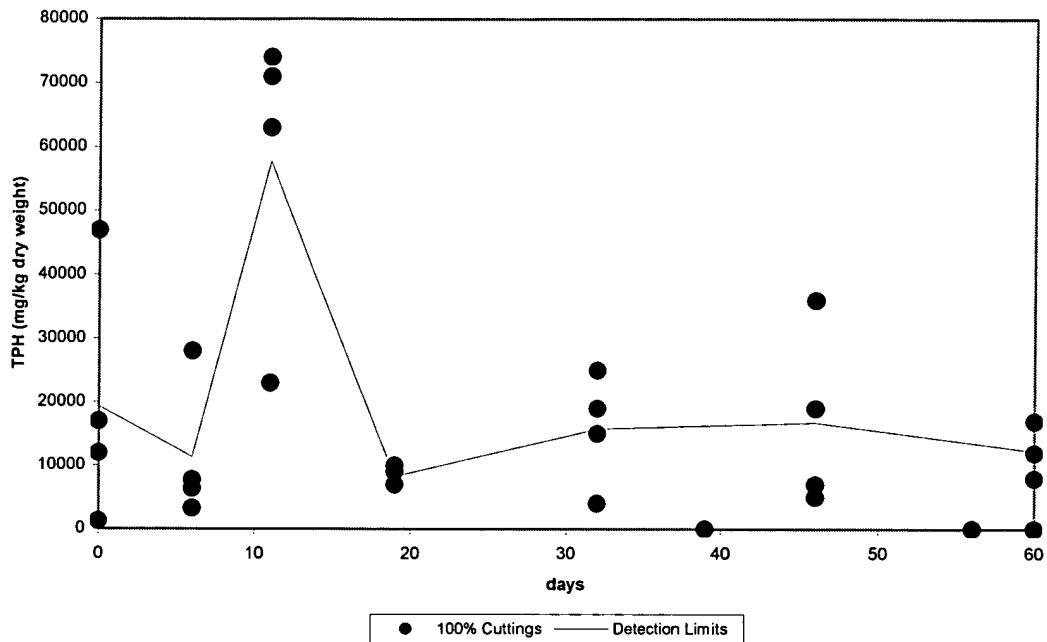


Fig. 10

Average hydrocarbons concentrations by GC-FID (OIEWG carbon bands; mg/kg dry wt) for all application rates – Second Test

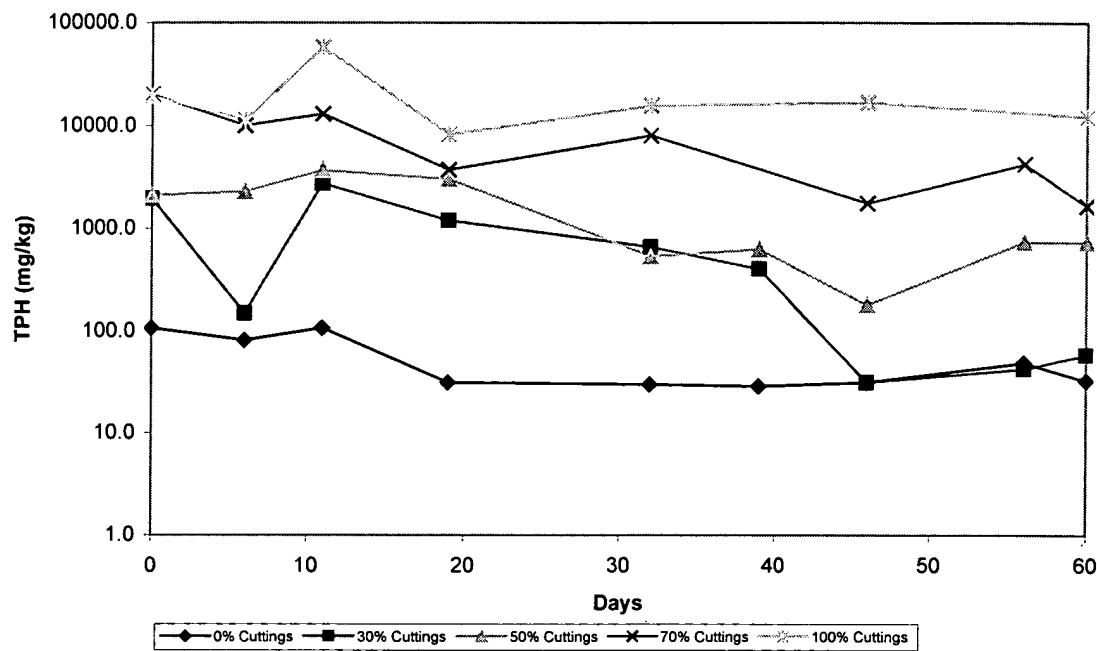


Fig.11
Soil pH – Second Test

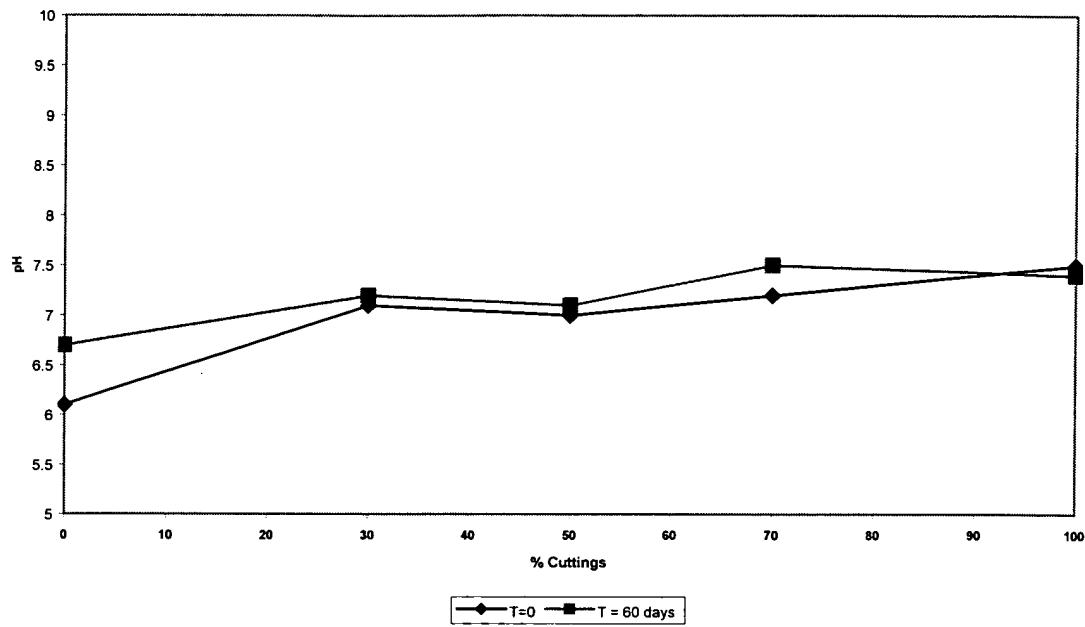


Fig.12
Electrical Conductivity – Second Test

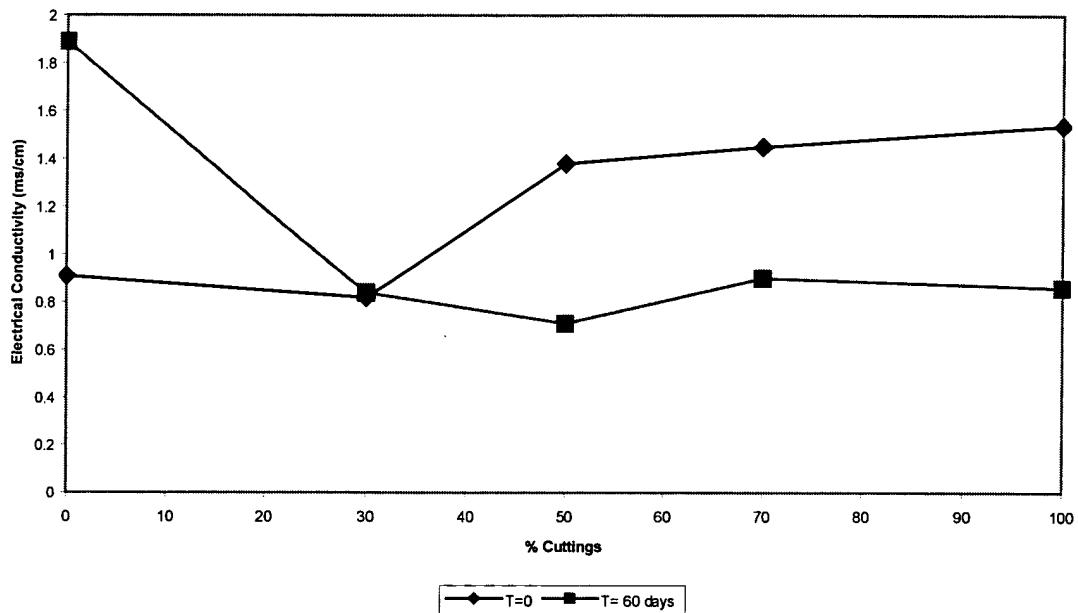


Fig.13
Soluble Salts Concentration – Second Test

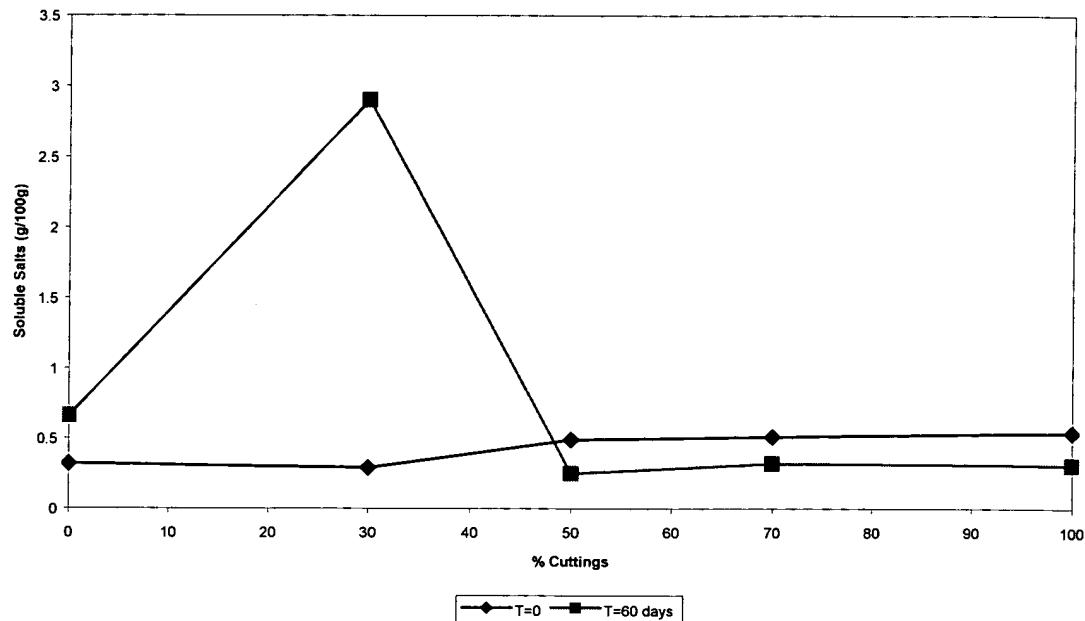


Fig.14
Ammonium Nitrogen Concentration – Second Test

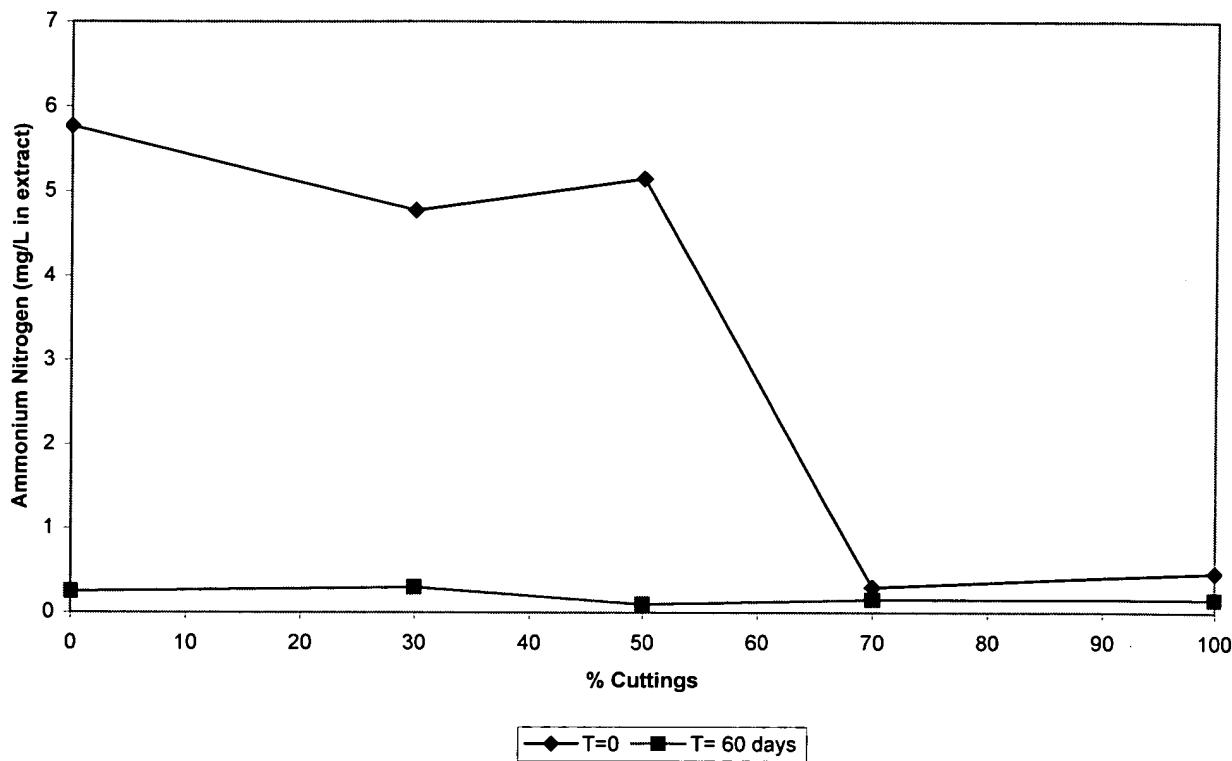


Fig.15
Nitrate Nitrogen Concentration – Second Test

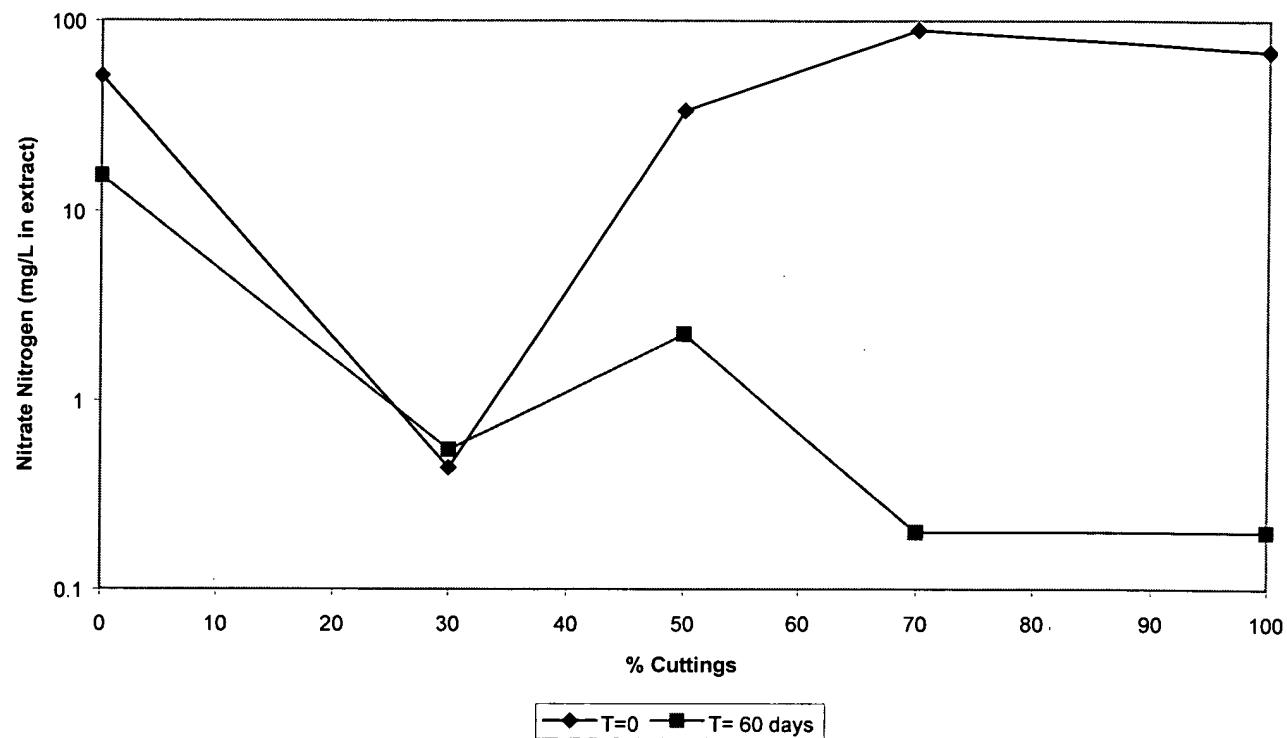


Fig.16
Nitrite Nitrogen Concentration – Second Test

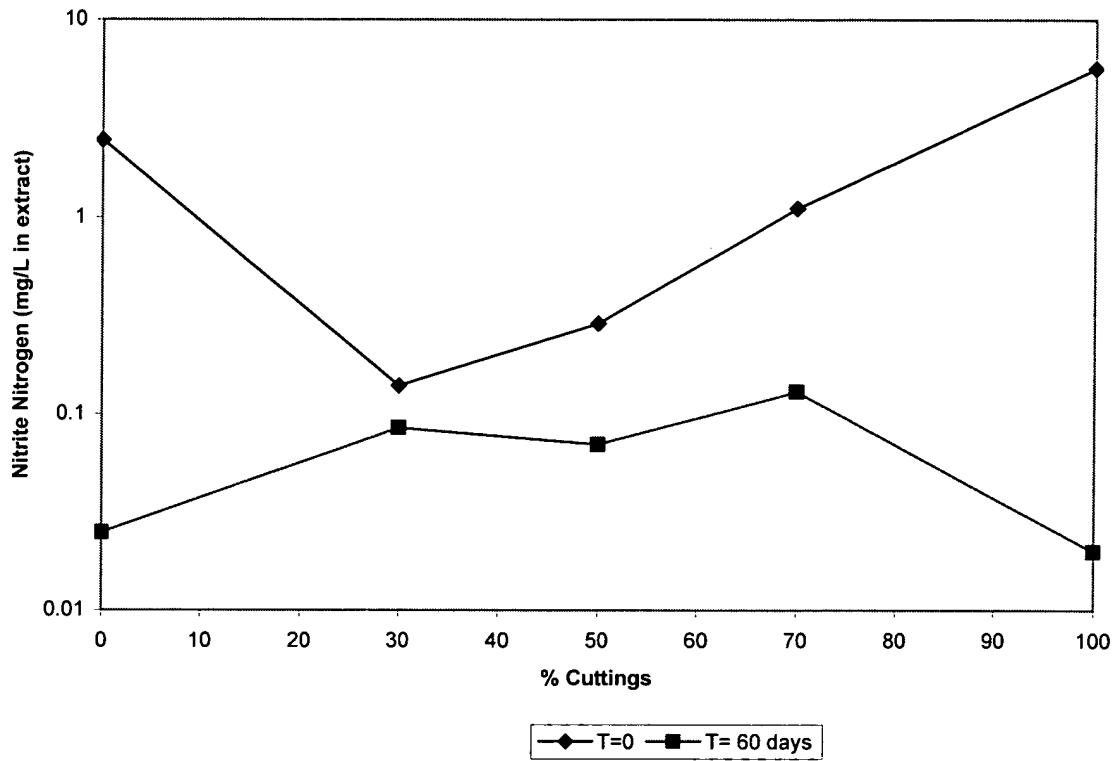


Fig.17
Phosphate Phosphorous Concentration – Second Test

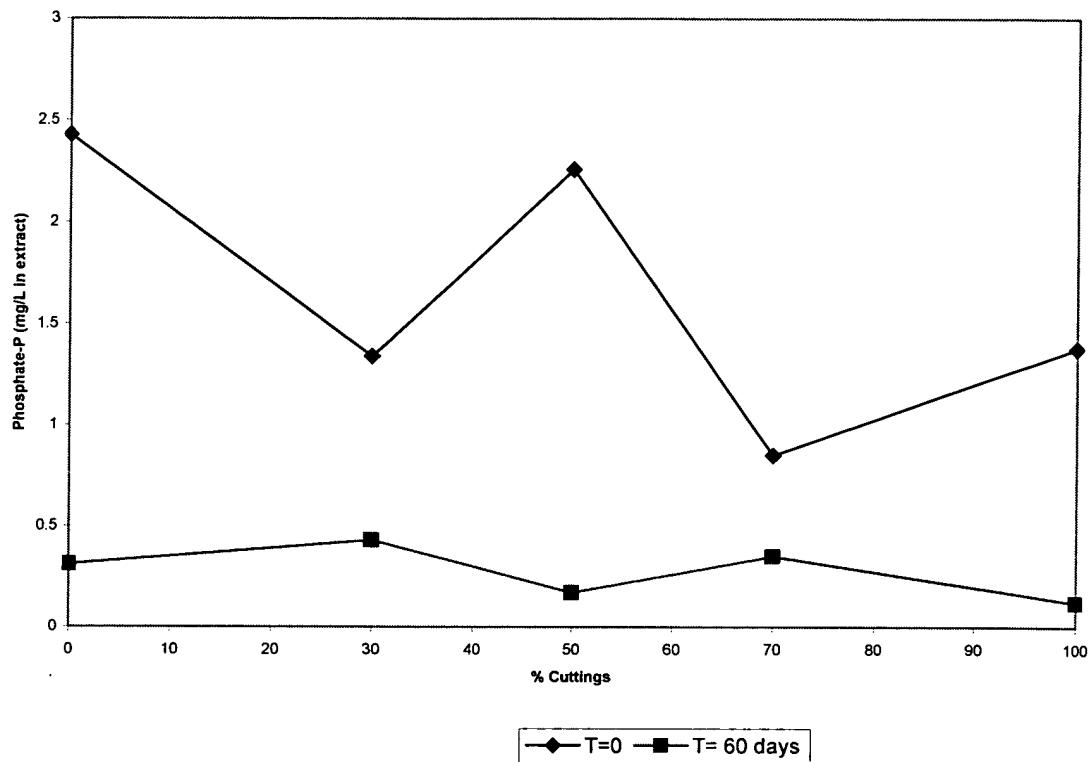


Fig.18

Barium Concentration in Soil Samples at the Start and Finish of the Test- Second Test

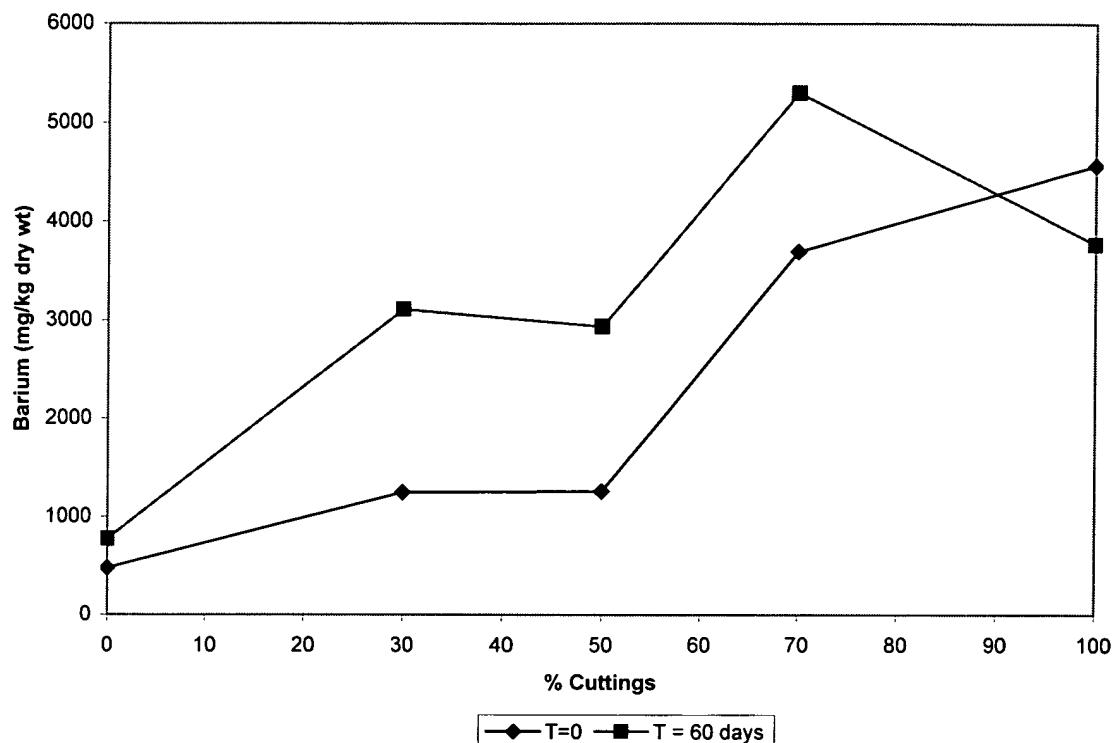


Fig.19
Heavy Metal Concentration in Earth Worms Fed at Different Application Rates
Second Test

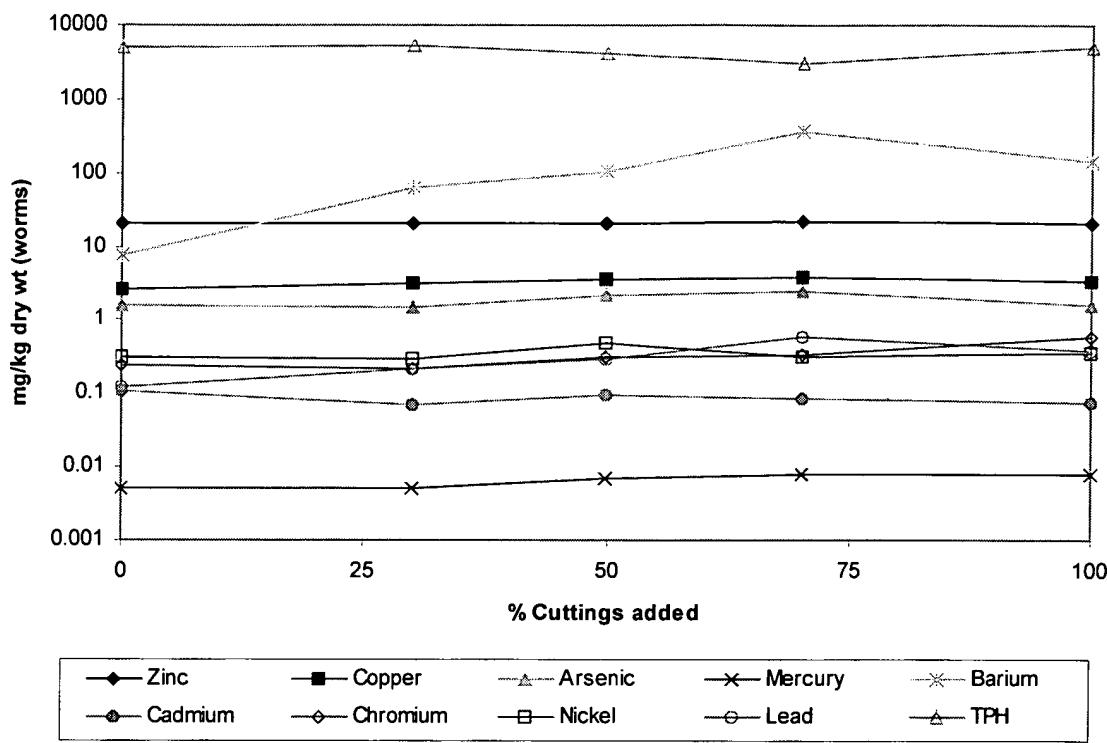


Fig.20 Hydrocarbon concentrations by GC-FID (OIEWG carbon bands; mg/kg dry wt) – Third Test

